AEE/T.DSD/SBR/62/16-17
29/06/2016

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

Sub-Division

No. 1st & FINAL Bill

Date : .....

Division DD

Bill Received No. 225 Dated 27/7/16

Cash Book Voucher No. ..... Dated : .....

Scheduled Doctet No. .....

Head of Account .....

Name of work (as per sanctioned estimate) DRILLING OF BOREWELL AT SIDEDAHALLI VILLAGE LIMIT PROVIDING PUMP, MOTOR AND ELECTRICAL SERVICING IN BAGALAGUNTEE IN WARD NO.14

Name of Contractor and Full Address SRI. R. SHIVARAM

Reference to Agreement No. EEE/DD/WO/ 05 / 16-17 Date: 14.04.2016

Certified that the measurements were taken by me on 24/6/2016 and recorded in pages 41503-2 of measurements Book No. 4151 and that the work is satisfactorily executed.

Officer in - charge of work

Contractor

Certified that the measurements were checked by me on 24/6/16 and found correct. The work is satisfactorily executed.
Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub - Division Officer

JOB CODE: 014-15-000022

If Memorandum of Payment

		AMOUNT
1.	Total value of work done or supplies made as per account.	Bill Amount - 3574829=
2.	Deduct amount to be held in reserve being ..... percent Rs.	
3.	- do - Balance	
4.	Deduct Payments :	IT - 35748=00
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No.	VAT - 142993=00
	Amount adjusted towards cash advance recovery of	LWC - 3574 8=
	b) Payments cost store or other materials supplied.	CBF - 3575=00
5.	Balance being unpaid value of work done held in reserve	Total (-) 218064=00
6.	Deduct cash advance made on the office Cash Book Vehicle No. dated ..... less adjustments	
7.	Net amount due to or from contractor	Net - 3356765=0
	Unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.	
		Total amount adjusted --

Contractor Signature

Received Rs. ..... (in words)

..... by cash and by adjustment of

Payment as per memorandum.

(In final settlement of all demand)

Witnes sre :

1.

2.

Stamp

Signature of Contractor

Date

Paid by me by cheque No..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

Audited and admitted for Rs. 3574829=0
(For use in the Office)
Passed by Cheque for Rs. 3356765=0
(.....
.....
by adjustment Rs. 218064=0)

Accounts Superintendent

Exe. Engineer
B.B.M.P. Dasarahalli Division

Executive Engineer

	Items of work (grouped under sub-heads the sub works of the estimate)
1	Geophysical survey geophysical investigation of site for sinking Borewell for supplying drinking water to the habita through the hand pumps, MWS or PWSS by vertical electrical sounding by adopting venner or schlumbergers's metho recconnaisance suevey of geological formation Geophysical investigation of existing ground Water in the vicinity. quality & acceptabality of the users indicating the location of the site recommended depth of casing pipe required se unconsolidated formation including an extra depth 1.0 metre in consolidated formation for aquire proposed to be tappe yield and other information required including transportation of instrument and accessories to work site, engagin person and labour etc.,Complete as per Specification, and as per direction of Engineer-incharge.
2	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & strata including over budern upto 20 m. fixing of casing pipes, collars & cap with necessary cutting, threading & weldi transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testin depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.,) Com Specification, and as per direction of Engineer-incharge. A. 0.00 to 50.00 Mtr.
3	50.00 to 100.00 Mtr.
4	100.00 to 150.00 Mtr.
5	150.00 to 200.00 Mtr.
6	200.00 to 250.00 Mtr.
7	250.00 to 300.00 Mtr.
8	300.00 to 350.00 Mtr.
9	Supply of ISI Mark 175mm Nominal bore ,plain end steel Casing pipe- grade of steel Fee 410 of wall thickness confirming to IS 1387/1933 and manufactured by basic open earth electric or basic oxygen process in random lenth Both ends threaded Confirming to IS 554/1985, One end fixed with a Socket Confirming to IS 4270:2001 and the Screwed pipes . All pipes shall be reasonably free from defectes. The tube shall be reasonably straight shou marking, weighing 25.10kg/mtr. (Inclusive of all taxes) Complete as per Specification, and as per direction of Engin
10	Additional rate on item No. 2 is allowed for drilling in over burden and folling casing pipes beyond 20mtrs, rate at 1 30mtrs 30% on basic rate of Rs.306 is allowed Complete as per Specification, and as per direction of Engineer-inc
11	Providing 175 mm dia MS Collar Complete as per Specification, and as per direction of Engineer-incharge.
12	Providing 175 mm dia MS Cap Complete as per Specification, and as per direction of Engineer-incharge.
13	Supply and delivery at site brand new Texmo / Innoval / Lubi / Sabar / Atalanta / Calamal / waterman / Radh vertical installation in 150mm dia. Borewells comprising of single stage or miultistage CF pump close coupl stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet ty submersible induction mortor suitable for operation of 3Ph., 50Hz. 380/44 volts AC supply fitted with required acc suction. casing, suction strainers, sand guard Non return valve etc., complete the pump and motor shall form an all the required fittings 15HP 30 stage Kirloskar, Atlanta, Suguna, CRI & other equipment pump Complete as and as per direction of Engineer-incharge.

	Unit	Previous		Present Measurement			Total Up-to-date		Remarks
		Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
ither ıding ılity , tope ıable nical	Each			7.00	1763.00	12341.00	7.00	12341.00	
in all ıding final ; per	Mtr			350.00	286.00	100100.00	350.00	100100.00	
	Mtr			350.00	374.00	130900.00	350.00	130900.00	
	Mtr			350.00	416.00	145600.00	350.00	145600.00	
	Mtr			350.00	440.00	154000.00	350.00	154000.00	
	Mtr			350.00	509.00	178150.00	350.00	178150.00	
	Mtr			350.00	546.00	191100.00	350.00	191100.00	
	Mtr			350.00	582.00	203700.00	350.00	203700.00	
thick mtrs. with ı ISI ıe.	Rmt			240.00	1241.00	297840.00	240.00	297840.00	
⁄ond	Mtr			60.00	42.00	2520.00	60.00	2520.00	
	Each			60.00	140.00	8400.00	60.00	8400.00	
	Each			6.00	94.00	564.00	6.00	564.00	
:able ıs of :age h as with tion,	Nos			6.00	66152.00	396912.00	6.00	396912.00	

	Items of work (grouped under sub-heads the sub works of the estimate)
14	Supplying and Drawing 3 core Flat PVC Shalted Submersible Pump Cable Manufactured with Electrolytic G Flexible copper conductor to table 3 class 5 of IS 8130-1984 and Virgen PVC insulation and Sheeated Su Voltage Upto 1100 Volts Complete as per Specification, and as per direction of Engineer-incharge.
15	Supplying and fixing 50mm Non Return Vavle of vertical type of approved make including cost of all materia equipment with all leads Complete as per Specification, and as per direction of Engineer-incharge.
16	Supplying and fixing 50mm GM Gate Vavle Complete as per Specification, and as per direction of Engineer-inch
17	Supplying and fixing 175mm Borewell cap with clampset Complete as per Specification, and as per direc incharge.
18	Supplying and fixing 50mm GI Union Complete as per Specification, and as per direction of Engineer-incharge.
19	Supplying and fixing 50mm GI Elbow Complete as per Specification, and as per direction of Engineer-incharge.
20	Providing and fixing of 50mm G.I pipe 'C' class heavy duty for erection of submersible pumpset galvanised tube 5 delivary of cause heavy duty, Complete as per Specification, and as per direction of Engineer-incharge.
21	Supplying of TPST with rewireable porcelain channels in SM encloser 15/32 amps, Complete as per Specific direction of Engineer-incharge.
22	Supplying and fixing 500x500x65mm polished wood board made up not less than 15mm thick plank in fron provided for olding at other end fixing the same of the valve using through bolts and nuts, Complete as per Spe per direction of Engineer-incharge.
23	Supplying and fixing LED Type panel board indicating lamp with required colour suitable for 220 v AC 50Hz 12 'B', Complete as per Specification, and as per direction of Engineer-incharge.
24	Supplying and drawing each PVC insulated 650/100 V grade wire in the conduct (Open or Concealed system c 7/36 copper wire, Complete as per Specification, and as per direction of Engineer-incharge.
25	Supplying, fixing and wiring heavy duty low voltage capacitors confirming to I 2834, 3 PHASE 400/440 Volts factor improvement of rotating machinery capacitor in KVAR - rating Nos 2 KVAR Capacity,Complete as per Spe per direction of Engineer-incharge.
26	Supplying and fixing miniature Circuit breakers on existing MCB distribution boards using necessary fixing mat complete as required), Complete as per Specification, and as per direction of Engineer-incharge.
27	Supplying, fixing, wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter bo dia 2.90mm thick GI pipe 2.50m long buried in a pit. The pit should be filled with equal proportion of solt and alround the pipe to complete depth. the connection from the pipe to the conduct etc., is to be established throug as per ISI specifications 7.3.3 IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall h holes of 122mm dia Complete as per Specification, and as per direction of Engineer-incharge.
28	Supplying and fixing class A (medium duty) GI pipe wall thickness not less than 3.25mm on pole. Complete as p and as per direction of Engineer-incharge.
29	Supply 1.1 KV class UG cable from nearest BESCOM pole to panel board including earth work and road rest sqmm. Complete as per Specification, and as per direction of Engineer-incharge.
30	Labour charges for laying 1.1 KV class UG cable when supplied by agencies in existing trenches GI pipe / sto pole as required, Complete as per Specification, and as per direction of Engineer-incharge.
31	Digging of trench of 0.6m deep x 0.5m wide refilling the trench to the required level and consolidating etc., C Specification, and as per direction of Engineer-incharge.

	Unit	Previous		Present Measurement			Total Up-to-date		Remarks
		Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
r with orking	Mtr			1860.00	148.00	275280.00	1860.00	275280.00	
DM of	NO			6.00	1072.00	6432.00	6.00	6432.00	
	NO			6.00	1124.00	6744.00	6.00	6744.00	
ineer-	No			6.00	94.00	564.00	6.00	564.00	
	nos			6.00	208.00	1248.00	6.00	1248.00	
	nos			~~1740.00~~	~~486.00~~	~~845640.00~~			
y and	Mtr			1740.00 ~~6.00~~	486.00 ~~1236.00~~	845640.00 ~~7416.00~~	1740.00	845640.00	
is per	nos			6.00	1236.00 ~~282.00~~	7416.00 ~~1692.00~~	6.00	7416.00	
e end nd as	nos			6.00	282.00	1692.00	6.00	1692.00	
Group	nos			6.00	360.00	2160.00	6.00	2160.00	
20 or	Mtr			60.00	25.00	1500.00	60.00	1500.00	
power nd as	nos			6.00	360.00	2160.00	6.00	2160.00	
wiring	nos			6.00	412.00	2472.00	6.00	2472.00	
10mm 50mm f size ought	nos			6.00	1546.00	9276.00	6.00	9276.00	
ation,	nos			60.00	226.75	13605.00	60.00	13605.00	
re 16	Mtr			180.00	154.60	27828.00	180.00	27828.00	
e/ on	Mtr			180.00	5.11	918.00	180.00	918.00	
s per	Mtr			90.00	41.00	3690.00	90.00	3690.00	

AEE/T.DSD/SSR/62/16-17
29/06/2016

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. 1st & FINAL Bill

Date : .....

Division DD

Sub-Division

Bill Received No. 225 Dated 21/7/16

Cash Book Voucher No. ..... Dated : .....

Scheduled Doctet No. .....

Head of Account .....

Name of work (as per sanctioned estimate) DRILLING OF BOREWELL AT SIDEDAHALLI VILLAGE LIMIT PROVIDING PUMP, MOTOR AND ELECTRICAL SERVICING IN BAGALAGUNTEE IN WARD NO.14

Name of Contractor and Full Address SRI. R. SHIVARAM

Reference to Agreement No. EEE/DD/WO/ 05 / 16-17 Date: 14.04.2016

Certified that the measurements were taken by me on 24/6/2016 and recorded in pages 41503-2 of measurements Book No. 411 and that the work is satisfactorily executed.

Contractor

Officer - in - charge of work

Certified that the measurements were checked by me on 24/6/16 and found correct. The work is satisfactorily executed.
Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub - Division Officer

If Memorandum of Payment JOB CODE: **014-15-000022**

		AMOUNT
1.	Total value of work done or supplies made as per account.	--
2.	Deduct amount to be held in reserve being ..... percent Rs.	--
	- do - Balance	Bill Amount - 3574829=00
4.	Deduct Payments :	
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No.	IT - 35748=00
	Amount adjusted towards cash advance recovery of	VAT - 142993=00
	b) Payments cost store or other materials supplied.	LWC - 35748=00 Total (-) 218064=00
5.	Balance being unpaid value of work done held in reserve	
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments	CBP - 3575=00
7.	Net amount due to or from contractor	Net - 3356765=00
	Unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.	
		Total amount adjusted --

Contractor Signature

Received Rs. ..... (in words)

..... by cash and by adjustment of

Payment as per memorandum.

(In final settlement of all demand)

Witnes sre :

1.

2.

Stamp

Date

Signature of Contractor

Paid by me by cheque No..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

Audited and admitted for Rs. 3574829=00
(For use in the Office.)
Passed by Cheque for Rs. 3356765=00
(.....)
by adjustment Rs. 218064=00

Accounts Superintendent 29/6/16

Exe. Engineer
B.B.M.P. Dasarahalli Division

Executive Engineer

	Items of work (grouped under sub-heads the sub works of the estimate)
32	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmm UG cable filled with neccesary bitur compound complete with termiinalas, clamps, bolts, nuts, washers etc., Complete as per Specification, and as Engineer-incharge.
33	Supplying and fixing of porcelain fuse channel with cut-out on existing / new wooden panel using neccesar washers etc., Complete as per Specification, and as per direction of Engineer-incharge.
34	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, etc., in the Asphalt surface road. Complete as per Specification, and as per direction of Engineer-incharge.
35	Earthwork excavation for foundation of buildings water supply, sanitary lines and electrical conduits either in pits 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods Co Specification, and as per direction of Engineer-incharge.
36	Providing and installing at site of work P.V.C pipes including cost of pipes and specials and labour including trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all charges, handling charges including encasing the pipe alround to a depth not leass than 15 cms with gravel or available from the excavation etc., PVC pipes of 6kg/Sqm 75mm Dia, Complete as per Specification, and as p Engineer-incharge.
37	Supplying and fixing 50 mm GI pipes 'B' class heavy duty (As PER bwssb Store Issued Rate) Note:- GI Pipe u [illegible] places. Complete as per Specification, and as per direction of Engineer-incharge.
38	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each depo ramming after watering with lead upto 50m. and lift upto 1.5m. Including cost of all labour Complete as per Specifi per direction of Engineer-incharge.
39	Erection of Pumping machineries Complete as per Specification, and as per direction of Engineer-incharge.
	BESCOM Charges

CERTIFICATE:

1 Work done is satisfactory

2 There are no departmental issuesmade to the contractor

3 The contractor has cleared all debrice from work spot

	Unit	Previous		Present Measurement			Total Up-to-date		Remarks
		Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
ılating ion of	nos			6.00	247.00	1482.00	6.00	1482.00	
s and	nos			36.00	216.00	7776.00	36.00	7776.00	
ghting	Cum			162.00	241.00	39042.00	162.00	39042.00	
nches ıches, ıs per	Cum			810.00	242.00	196020.00	810.00	196020.00	
g into ınd lift earth ion of	Rmt			1380.00	115.25	159045.00	1380.00	159045.00	
Road	Mtr			60.00	196.00	11760.00	60.00	11760.00	
ver by ınd as	Cum			810.00	56.00	45360.00	810.00	45360.00	
	nos			6.00	843.00	5058.00	6.00	5058.00	
				6.00	13089.00	78534.00	6.00	78534.00	
						Total		3574829	